

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. -2. (canceled).

3. (currently amended): The portable photoelectric air cleaner according to claim 1 9, further comprising wherein a supporting frame is formed in said body, a ~~the~~ lower end of the supporting frame being provided with a power supply generator, a transformer, power source, lines and a charging battery, and an the upper end of the supporting frame same is provided with an electronic switcher.

4. (currently amended): The portable photoelectric air cleaner according to claim 1 9, wherein a movable handle and a movable gallus are fixed on the body, said movable gallus is connected to the body though a buckle.

5. (currently amended): The portable photoelectric air cleaner according to claim 1 9, wherein the body has charging batteries for providing power to the air cleaner, the output of said charging batteries is connected to a the direct current(DC) input to inputs of a circuit board.

6. (currently amended): The portable photoelectric air cleaner according to claim 1 9, wherein the body has charging batteries for providing power to the air cleaner, the output of said charging batteries is connected to a the direct current(DC) input to inputs of a circuit board.

7. (currently amended): The portable photoelectric air cleaner according to claim 3, wherein the body has charging batteries for providing power to the air cleaner, the output of said charging batteries is connected to a the direct current(DC) input to inputs of a circuit board.

8. (currently amended): The portable photoelectric air cleaner according to claim 3, wherein the body has charging batteries for providing power to the air cleaner, the output of said charging batteries is connected to a the direct current(DC) input to inputs of a circuit board.

9. (new): A portable photoelectric air cleaner comprising:
- a semicircular body having front, top and rear portions forming a continuous curve and defining a curve front face with an air outlet portion and a curved rear face with an air inlet portion, said body having an interior portion, side portions and a flat bottom portion,
 - an extractor fan, a transformer, and a circuit board, being disposed within said interior portion;
 - a cathode fiber line for discharging high voltage being fixed to said curved front face at the air outlet portion;
 - an ultra violet band C radiation tube being disposed within said interior portion proximate to said air outlet portion; and
 - an air collector formed within said interior portion between said air inlet portion and said radiation tube,
- wherein the extractor fan is disposed between the ultra violet band C radiation tube and the air outlet portion;
- wherein said air collector is comprised of a space which is defined by an air collecting wall and a blocking wall; and
- wherein said ultra violet band C radiation tube is affixed between the front and back blocking walls to prevent emission of raise from the cleaner.
10. (new): The portably electric air cleaner according to claim 9, wherein said radiation tube and said fan are disposed at an angle to said flat base and are orthogonal to the direction of air flow at the air outlet portion.
11. (new): The portable photoelectric air cleaner according to claim 10 further comprising a plurality of dust partitions at said air inlet portion.